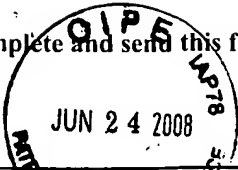


**PART B - FEE(S) TRANSMITTAL**

06-25-08

Complete and send this form, together with applicable fee(s), to: Mail

**Mail Stop ISSUE FEE**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, Virginia 22313-1450**  
 or Fax (571)-273-2885



**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless indicated below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT-CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

164 7590 03/24/2008

**SENT VIA EXPRESS MAIL**

**LABEL NO.: EM117202075US**

**KINNEY & LANGE, P.A.**  
**THE KINNEY & LANGE BUILDING**  
**312 SOUTH THIRD STREET**  
**MINNEAPOLIS, MN 55415-1002**

<b>David R. Fairbairn</b>	(Depositor's name)
	(Signature)
	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/619,806 07/15/2003 Ralph Heinzen H422.12-0008 7670

TITLE OF INVENTION: SELF MONITORING STATIC SEAL WITH OPTICAL SENSOR

06/25/2008 MNGUYEN2 00000078 10619806

01 FC:2501 720.00 OP  
 02 FC:1504 300.00 OP

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$720	\$300	\$0	\$1020	06/24/2008

EXAMINER	ART UNIT	CLASS-SUBCLASS
PHAM, HOA Q	2886	356-246000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☒ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Kinney & Lange, P.A.

2 \_\_\_\_\_

3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies \_\_\_\_\_

- ☒ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 11-0982 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature David R. Fairbairn

Date 6/24/08

Typed or printed name David R. Fairbairn

Registration No. 26,047

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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LABEL NO.: EM117202075US

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 THE KINNEY & LANGE BUILDING  
 312 SOUTH THIRD STREET  
 MINNEAPOLIS, MN 55415-1002

David R. Fairbairn	(Depositor's name)
	(Signature)
	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/619,806	07/15/2003	Ralph Heinzen	H422.12-0008	7670

TITLE OF INVENTION: SELF MONITORING STATIC SEAL WITH OPTICAL SENSOR

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$720	\$300	\$0	\$1020	06/24/2008

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1 Kinney & Lange, P.A.

2 \_\_\_\_\_

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Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

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- ☒ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☒ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

David R. Fairbairn

Date

6/24/08

Typed or printed name

David R. Fairbairn

Registration No.

26,047

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor : Ralph Heinzen

Appln. No. : 10/619,806

Filed : July 15, 2003

Title : SELF MONITORING STATIC SEAL WITH  
OPTICAL SENSOR

Docket No. : H422.12-0008

Group Art Unit: 7670

Examiner: Hoa Q. Pham

**EXPRESS MAIL COVER SHEET**

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SENT VIA EXPRESS MAIL**  
Express Mail No.: EM 117202075 US

The following papers are being transmitted via **EXPRESS MAIL** to the U.S. Patent and Trademark Office on the date shown below:

1. A Check in the Amount of \$1,020.00 (Issue and Publication Fees);
2. Fee Transmittal Sheet (in duplicate);
3. Part B - Fee(s) Transmittal Sheet (in duplicate);
4. "Fee Address" Indication Form; and
5. Return Receipt Postcard.

Respectfully submitted,

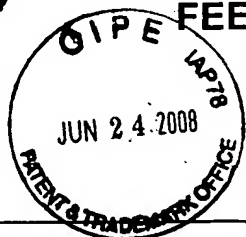
KINNEY & LANGE, P.A.

Date: 6/24/08

By 

David R. Fairbairn, Reg. No. 26,047  
THE KINNEY & LANGE BUILDING  
312 South Third Street  
Minneapolis, MN 55415-1002  
Telephone: (612) 339-1863  
Fax: (612) 339-6580

DRF:ks



# FEE TRANSMITTAL

Total Amount of Payment \$ 1,020.00

## Complete if Known

Application No.	10/619,806
Filing Date	July 15, 2003
First Named Inventor	Ralph Heinzen
Group Art Unit	7670
Examiner Name	Hoa Q. Pham
Atty. Docket Number	H422.12-0008

## METHOD OF PAYMENT (Check One)

1. ☒ The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. 1.16 and 1.17 and credit any over payments to Deposit Account No. 11-0982. Deposit Account Name: Kinney & Lange, P.A. A duplicate copy of this communication is enclosed.

2. ☒ Check Enclosed

## FEE CALCULATION

### 1. BASIC FILING FEE

Appn. Type	FILING FEE FEE/SMALL PD.	SEARCH FEES FEE/SMALL	EXAM FEES FEE/SMALL	FEES
Utility	310 / 155	510 / 255	210 / 105	—
Design	210 / 105	100 / 50	130 / 65	—
Reissue	310 / 155	510 / 255	620 / 310	—
Provisional	210 / 105	-0- / -0-	-0- / -0-	—

Subtotal (1) \$ -0-

### 2. EXTRA CLAIM FEES

	Number Claims	Prior	Extra	Fee from Fee Paid Below
Total	—	—	— X	— = —
Indep.	—	—	— X	— = —
Multiple Dependent Claims				— = —

Insert 3 and 20, or number previously paid if greater; Reissue see below

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Description
1202	50	2202	25	Claims in excess of 20
1201	210	2201	105	Independent claims in excess of 3
1203	370	2203	185	Multiple Dependent Claim
1204	210	2204	105	Reissue Independent Claims Over Original Patent
1205	50	2205	25	Reissue claims in excess of 20 and over original patent

### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$260 (\$130 small) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 C.F.R. 1.16(s).

\$ -0-

Subtotal (2) \$ -0-

## FEE CALCULATION (Continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee paid
1051	130	2051	65	Surcharge - Late filing fee or oath	—
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	—
1053	130	1053	130	Non-English specification	—
1812	2,520	1812	2,520	For Filing a Request for Reexamination	—
1251	120	2251	60	Extension for reply within first month	—
1252	460	2252	230	Extension for reply within second month	—
1253	1,050	2253	525	Extension for reply within third month	—
1254	1,640	2254	820	Extension for reply within fourth month	—
1255	2,230	2255	1,115	Extension for reply within fifth month	—
1402	510	2402	255	Filing a brief in support of an appeal	—
1403	1,030	2403	515	Request for oral hearing	—
1814	130	2814	65	Terminal Disclaimer Fee	—
1452	510	2452	255	Petition to revive - unavoidable	—
1453	1,540	2453	770	Petition to revive - unintentional	—
1501	1,440	2501	720	Utility/Reissue issue fee	720
1502	820	2502	410	Design issue fee	—
1464	130	1464	130	Petitions to the Commissioner	—
1807	50	1807	50	Petitions related to provisional applications	—
1806	180	1806	180	Submission of Information Disclosure Statement	—
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	—
1801	810	2801	405	Request for Continued Examination (RCE)	—
Other fee (specify) <u>Publication Fee</u>					300

Subtotal (3) \$ 1,020.00

Signature David R. Fairbairn

Reg. No. 26,047

Date 6/24/08

Deposit Account No. 11-0982

# FEE TRANSMITTAL



Total Amount of Payment \$ 1,020.00

## Complete if Known

Application No.	10/619,806
Filing Date	July 15, 2003
First Named Inventor	Ralph Heinzen
Group Art Unit	7670
Examiner Name	Hoa Q. Pham
Atty. Docket Number	H422.12-0008

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2. ☒ Check Enclosed

### FEE CALCULATION

#### 1. BASIC FILING FEE

	FILING FEE	SEARCH FEES	EXAM FEES	
Appn. Type	FEE/SMALL	FEE/SMALL	FEE/SMALL	FEES
PD.				
Utility	310 / 155	510 / 255	210 / 105	—
Design	210 / 105	100 / 50	130 / 65	—
Reissue	310 / 155	510 / 255	620 / 310	—
Provisional	210 / 105	-0- / -0-	-0- / -0-	—

Subtotal (1) \$ -0-

#### 2. EXTRA CLAIM FEES

	Number Claims	Prior	Extra	Fee from Fee Paid Below
Total	—	—	X	—
Indep.	—	—	X	—
Multiple Dependent Claims	—	—	—	—

Insert 3 and 20, or number previously paid if greater; Reissue see below

Large Entity	Small Entity	
Fee Code	Fee Code	Description
1202 50	2202 25	Claims in excess of 20
1201 210	2201 105	Independent claims in excess of 3
1203 370	2203 185	Multiple Dependent Claim
1204 210	2204 105	Reissue Independent Claims Over Original Patent
1205 50	2205 25	Reissue claims in excess of 20 and over original patent

#### 3. APPLICATION SIZE FEE

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Subtotal (2) \$ -0-

### FEE CALCULATION (Continued)

#### 3. ADDITIONAL FEES

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee paid
1051 130	2051 65	Surcharge - Late filing fee or oath	—
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1806 180	1806 180	Submission of Information Disclosure Statement	—
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	—
1801 810	2801 405	Request for Continued Examination (RCE)	—
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Subtotal (3) \$ 1,020.00

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